

Claims

1. A pharmaceutical composition comprising a benzodiazepine, wherein the composition is a dry powder for administration by pulmonary inhalation.
2. A pharmaceutical composition as claimed in claim 1, wherein the benzodiazepine is in the form of either the free base or a pharmaceutically acceptable salt of the benzodiazepine.
3. A pharmaceutical composition as claimed in either of the preceding claims, wherein benzodiazepine is clobazam or clonazepam.
4. A pharmaceutical composition as claimed in any one of the preceding claims, wherein the composition has a fine particle fraction ($<5\mu\text{m}$) of at least 50%, and preferably between 70 and 99% or between 80 and 99%.
5. A pharmaceutical composition as claimed in any one of the preceding claims, wherein the composition has a fine particle dose of between 50 and 90%, and preferably between 60 and 70%.
6. A pharmaceutical composition as claimed in any one of the preceding claims, comprising particles of benzodiazepine and a force control agent.
7. A pharmaceutical composition as claimed in claim 6, wherein the force control agent is an amino acid or peptide, or derivatives thereof, a phospholipid or a metal stearate.
8. A pharmaceutical composition as claimed in claim 7, wherein the force control agent is leucine, lysine, cysteine, or mixtures thereof.
9. A pharmaceutical composition as claimed in claim 6, wherein the force control agent is included in an amount of up to 50% w/w, preferably less than 10% w/w, and more preferably less than 5% w/w.

10. A pharmaceutical composition as claimed in any of the preceding claims, wherein the composition comprises benzodiazepine particles having a MMAD of less than 10 μ m.

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11. A pharmaceutical composition as claimed in claim 10, wherein the benzodiazepine particles have a MMAD of 2-5 μ m or a MMAD of less than 2 μ m.

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12. A pharmaceutical composition as claimed in any one of the preceding claims, wherein the composition further comprises carrier particles, preferably wherein the carrier particles have a particle size of at least 20 μ m.

13. A pharmaceutical composition as claimed in any one of claims 1-12, for use in therapy.

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14. A pharmaceutical composition as claimed in claim 13, for treating a seizure.

15. A pharmaceutical composition as claimed in claim 13, wherein the seizures are partial or acute repetitive.

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16. A pharmaceutical composition as claimed in claim 13, for treating Acute Panic Disorder.

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17. A pharmaceutical composition as claimed in claim 13, for use in sedation or as premedication.

18. A method of treating seizures comprising the administration of a therapeutically effective amount of a pharmaceutical composition as claimed in any one of claims 1-12 to a subject in need of such treatment.

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19. A method of treating Acute Panic Disorder comprising the administration of a therapeutically effective amount of a pharmaceutical composition as claimed in any one of claims 1-12 to a subject in need of such treatment.

20. A method of sedating or premedicating a patient, comprising the administration of a therapeutically effective amount of a pharmaceutical composition as claimed in any one of claims 1-12 to a subject in need of such
5 sedation or premedication.